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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/030,963
				Filing Date	January 9, 2002
				First Named Inventor	Shayman et al.
				Art Unit	1614
				Examiner Name	To be assigned
Sheet	1	of	3	Attorney Docket Number	30275/38151

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number-Kind Code <sup>2</sup> (if known)				
RR	A1	6,255,336	07-03-2001	Shayman et al.	514	422
RR	A2	6,051,598	04-18-2000	Shayman et al.	514	428
RR	A3	6,040,332	03-21-2000	Shayman et al.	514	428
RR	A4	6,030,995	02-29-2000	Shayman et al.	514	428
RR	A5	5,952,370	09-14-1999	Shayman et al.	514	428
RR	A6	5,945,442	08-31-1999	Shayman et al.	514	428
RR	A7	5,916,911	06-29-1999	Shayman et al.	514	428

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
RR	B1	WO 97/10817	03-27-1997	WIPO		

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
RR	C1	Abdel-Magid et al., "Metal-Assisted Aldol Condensation of Chiral A-Halogenated Imide Enolates: A Stereocontrolled Chiral Epoxide Synthesis," <i>J. Am. Chem. Soc.</i> , 108:4595-4602 (1986).		
RR	C2	Abe et al., "Structural and Stereochemical Studies of Potent Inhibitors of Glucosylceramide Synthase and Tumor Cell Growth," <i>J. Lipid. Res.</i> , 36:611-621 (1995).		
RR	C3	Abe et al., "Improved Inhibitors of Glucosylceramide Synthase," <i>J. Biochem.</i> , 111:191-196 (1992).		
RR	C4	Abe et al., "Metabolic Effects of Short-Chain Ceramide and Glucosylceramide on Sphingolipids and Protein Kinase C," <i>Eur. J. Biochem.</i> , 210:765-773 (1992).		
RR	C5	Abe et al., "Induction of Glucosylceramide Synthase by synthase Inhibitors and Ceramide," <i>Biochim. Biophys. Acta</i> , 1299:333-341 (1996).		
RR	C6	Alon et al., "Glycolipid Ligands for Selectins Support Leukocyte Tethering & Rolling Under Physiologic Flow Conditions," <i>J. Immunol.</i> , 154:5356-5366 (1995).		
RR	C7	Ames, "Assay of Inorganic Phosphate, Total Phosphate and Phosphates," <i>Methods Enzymol.</i> , 8:115-118 (1966).		
RR	C8	Bielawska, A. et al., "Ceramide-Mediated Biology. Determination of Structural and Stereospecific Requirements Through the Use of N-Acyl-Phenylaminoalcohol Analogs," <i>J. Biol. Chem.</i> , 267:18493-18497 (1992).		
RR	C9	Bielawska, A. et al., "Modulation of Cell Growth and Differentiation by Ceramide," <i>FEBS Letters</i> , 307:211-214 (1992).		
RR	C10	Blobe, G. C. et al., "Regulation of PKC and Its Role in Cancer Biology," <i>Cancer Metastasis Rev.</i> , 13:411-431 (1994).		
RR	C11	Brenkert, A. et al., "Synthesis of Galactosyl Ceramide and Glucosyl Ceramide by Rat Brain: Assay Procedures and Changes with Age," <i>Brain Res.</i> , 36:183-193 (1972).		
RR	C12	Carson, K. G. et al., "Studies on Morpholinophingolipids: Potent Inhibitors of Glucosylceramide Synthase," <i>Tetrahedron Lett.</i> , 35:2659-2662 (1994).		
RR	C13	Evans, D. A. et al., "Stereoselective Aldol Condensations Via Boron Enolates," <i>J. Am. Chem. Soc.</i> , 103:3099-3111 (1981).		

Examiner Signature		Date Considered	10-23-03
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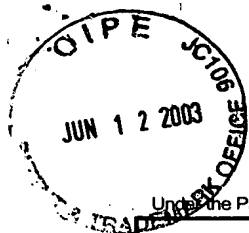
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		Filing Date	January 9, 2002		
		First Named Inventor	Shayman et al.		
		Group Art Unit	1614		
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RR	C14	Felding-Habermann, B. et al., "A Ceramide Analog Inhibits T Cell Proliferative Response Through Inhibition of Glycosphingolipid Synthesis and Enhancement of N,N-Dimethylsphingosine Synthesis," <i>Biochemistry</i> , 29:6314-6322 (1990).	
RR	C15	Gatt, S. et al., "Assay of Enzymes of Lipid Metabolism With Colored and Fluorescent Derivatives of Natural Lipids," <i>Meth. Enzymol.</i> , 72:351-375 (1981).	
RR	C16	Hakomori, S. "New Directions in Cancer Therapy Based on Aberrant Expression of Glycosphingolipids: Anti-adhesion and Ortho-Signaling Therapy," <i>Cancer Cells</i> , 3:461-470 (1991).	
RR	C17	Hammett, L. P., In <i>Physical Organic Chemistry</i> , McGraw-Hill, New York (1940).	
RR	C18	Hogberg, T. et al., "Theoretical and experimental methods in drug design applied on antipsychotic dopamine antagonists," in <i>Textbook of Drug Design and Development</i> pp. 55-91 (1991).	
RR	C19	Hospattankar, A. V. et al., "Changes in Liver Lipids After Administration of 2-Decanoylamino-3-Morpholinopropiophenone and Chlorpromazine," <i>Lipids</i> , 17:538-543 (1982).	
RR	C20	Inokuchi, J. et al., "Antitumor Activity in Mice of an Inhibitor of Glycosphingolipid Biosynthesis," <i>Cancer Lett.</i> , 38:23-30(1987).	
RR	C21	Inokuchi, J. et al., "Inhibition of Experimental Metastasis of Murine Lewis Long Carcinoma by an Inhibitor of Glucosylceramide Synthase and its Possible Mechanism of Action," <i>Cancer Res.</i> , 50:6731-6737 (1990).	
RR	C22	Inokuchi, J. et al., "Preparation of the Active Isomer of 1-Phenyl-2-Decanoylamino-3-Morpholino-1-Propanol, Inhibitor of Glucocerebroside Synthetase," <i>J. Lipid Res.</i> , 28:565-571 (1987).	
RR	C23	Jaffrezou, J. et al., "Inhibition of Lysosomal Acid Sphingomyelinase by Agents which Reverse Multidrug Resistance," <i>Biochim. Biophys. Acta</i> , 1266:1-8 (1995).	
RR	C24	Kalen, A. et al., "Elevated Ceramide Levels in GH4C1 Cells Treated with Retinoic Acid," <i>Biochim. Biophys. Acta</i> , 1125:90-96 (1992).	
RR	C25	Kopaczky, K. C. et al., "In Vivo Conversions of Cerebroside and Ceramide in Rat Brain," <i>J. Lipid Res.</i> , 6:140-145 (1965).	
RR	C26	Lee, L. et al., "Improved Inhibitors of Glucosylceramide Synthase," <i>J. Biol. Chem.</i> , 274(21):14662-669 (1999).	
RR	C27	Nakamura, K. et al., "Coomassie Brilliant Blue Staining of Lipids on Thin-Layer Plates," <i>Anal. Biochem.</i> , 142:406-41 (1984).	
RR	C28	Nicolaou, K. C. et al., "A Practical and Enantioselective Synthesis of Glycosphingolipids and Related Compounds. Total Synthesis of Globotriaosylceramide (Gb3)," <i>J. Am. Chem. Soc.</i> , 110:7910-7912 (1988).	
RR	C29	Preiss, J. E. et al., "Quantitative Measurement of SN-1,2-Diacylglycerols Present in Platelets, Hepatocytes, and Ras- and Sis-Transformed Normal Rat Kidney Cells," <i>J. Biol. Chem.</i> , 261:8597-8600 (1986).	
RR	C30	Radin N. S. et al., "Ultrasonic Baths as Substitutes for Shaking Incubator Baths," <i>Enzyme</i> , 45:67-70 (1991).	
RR	C31	Radin, N. S. et al., "Metabolic Effects of Inhibiting Glucosylceramide Synthesis with PDMP and Other Substances," In <i>Advances in Lipid Research; Sphingolipids in Signaling</i> , Part B., R. M. Bell et al., Ed. (Academic Press, San Diego) 28:183-213 (1993).	
RR	C32	Radin, N. S. et al., "Use of 1-Phenyl-2-Decanoylamino-3-Morpholino-1-Propanol (PDMP), an Inhibitor of Glucosylceramide Synthesis," In <i>NeuroProtocols, A Companion to Methods in Neurosciences</i> , S. K. Fisher et al., Ed., (Academic Press, San Diego) 3:145-155 (1993).	

Examiner Signature	<i>RR Payman</i>	Date Considered	10-23-03
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RR	C34	Rosenwald, A. G. et al., "Effects of the Glycosphingolipid Synthesis Inhibitor, PDMP, on Lysosomes in Cultured Cells," <i>J. Lipid Res.</i> , 35:1232 (1994).	
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RR	C36	Shayman, J. A. et al., "Glucosphingolipid Dependence of Hormone-stimulated Inositol Trisphosphate Formation," <i>J. Biol. Chem.</i> , 265:12135-12138 (1990).	
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RR	C40	Skehan, P. et al., "New Colorimetric Cytotoxicity Assay for Anticancer-Drug Screening," <i>J. Natl. Cancer Inst.</i> , 82:1107-1112 (1990).	
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RR	C43	Tang, W. et al., "Phorbol Ester Inhibits 13-Cis-Retinoic Acid-induced Hydrolysis of Phosphatidylinositol 4,5-Bisphosphate in Cultured Murine Keratinocytes: a Possible Negative Feedback Via Protein Kinase C-Activation," <i>Cell Bioch. Funct.</i> , 9:183-191 (1991).	
RR	C44	Uemura, K. et al., "Effect of an Inhibitor of Glucosylceramide Synthesis on Cultured Rabbit Skin Fibroblasts," <i>J. Biochem.</i> , (Tokyo) 108:525-530 (1990).	
RR	C45	Vunnam, R. R. et al., "Analogues of Ceramide that Inhibit Glucocerebroside Synthetase in Mouse Brain," <i>Chem. Phys. Lipids</i> , 26:265-278 (1980).	
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